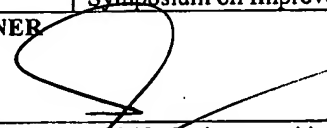


PTO-1449		Application No. 10/003,917		Applicant(s) Joseph A. Zupanick, et al.			
Information Disclosure Citation in an Application <i>PART OF PAPER 280</i> <i>17-2003</i>		Docket Number 067083.0161		Group Art Unit 3673		Filing Date November 1, 2001	
		U.S. PATENT DOCUMENTS					
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
A.	1,520,737	04/26/1924	Wright			04/26/1924	
B.	3,907,045	09/23/1975	Dahl et al.	175	45	11/30/1976	
C.	4,303,127	12/01/1981	Freel et al.	166	266	02/11/1980	
D.	4,437,706	03/20/1984	Johnson	299	7	08/30/1981	
E.	5,226,495	07/13/1993	Jennings, Jr.	166	278	05/18/1992	
F.	5,242,025	09/07/1993	Neill et al.	175	26	06/30/1992	
G.	5,613,242	04/18/1997	Oddo	588	17	12/06/1994	
H.	5,938,004	08/17/1999	Roberts et al.	198	812	02/14/1997	
I.	5,971,074	10/26/1999	Longbottom et al.	166	313	07/01/0998	
J.	6,015,012	01/18/2000	Reddick	166	313	08/29/1997	
K.	6,209,636	04/03/2001	Roberts et al.	166	117.6	03/07/1999	
L.	6,439,320	08/27/2002	Zupanick	175	161	02/20/2001	
M.	6,566,649	05/20/2003	Mickael	250	269.3	05/26/2000	
N.	6,571,888	06/03/2003	Comeau et al.	175	61	05/14/2001	
O.	6,577,129	06/10/2003	Thompson et al.	324	338	01/19/2002	
P.	6,585,061	07/01/2003	Radzinski et al.	175	45	10/15/2001	
Q.	6,590,202	07/08/2003	Mickael	250	269.2	05/08/2001	
R.	6,591,903	07/15/2003	Ingle et al.	166	50	12/06/2001	
S.	6,607,042	08/19/2003	Hoyer et al.	175	38	05/17/2001	
T.	6,636,159	10/21/2003	Winnacker	340	854.3	06/25/2000	
U.	6,639,210	10/28/2003	Odorn et al.	250	269.6	03/14/2001	
V.	6,646,411	11/11/2003	Thompson et al.	324	338	01/19/2002	
W.	6,450,256	09/17/2002	Mones	166	250.01	06/06/2001	
X.	6,653,839	11/25/2003	Yuratic et al.	324	355	12/28/2001	
Y.	US-2002/0074120-A1	06/20/2002	Scott	166	313	12/15/2000	
Z.	US2003/0075334	04/24/2003	Haugen et al.	166	313	09/16/2002	
AA.	US-2002/0050358-A1	05/02/2002	Algeroy et al.	166	313	09/27/2001	
BB.	US-2003-0066686-A1	04/10/2003	Conn	175	57	10/04/2002	
CC.	US2003/0062198	04/03/2003	Gardes	175	61	09/30/2002	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
NON-PATENT DOCUMENTS							
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)						DATE
EXAMINER				DATE CONSIDERED			
<i>[Signature]</i>				<i>3/10/04</i>			
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PTO-1449 Information Disclosure Citation in an Application <i>PART OF PAPER # 28</i>		Application No. 10/003,917		Applicant(s) Joseph A. Zupanick, et al.		
Docket Number 067083.0161		Group Art Unit 3673		Filing Date November 1, 2001		

U.S. PATENT DOCUMENTS								
DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE			
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	COUNTRY	CLAS S	SUBCLASS	TRANSLATION	
							YES	NO
<i>2</i>	A.	GB 2 297 988	8/21/1996	UK	E21B	7/08	X	
	B.	WO 02/18738	03/7/2002	PCT	E21B	7/04	X	
<i>1</i>	C.	SU-1448078-A1	03/25/1987	UK	E21	F 5/00-F 7/00		X
	D.	SU-1770570-A1	03/30/1990	UK	E21	F 7/00		X
<i>2</i>	E.	SU-750108	06/26/1975	UK	E21	C 45/00		X
NON-PATENT DOCUMENTS								
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)						DATE
<i>2</i>	F.	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed November 6, 2003 (8 pages) re International Application No. PCT/US 03/21626						Filed 07/11/2003
	G.	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed November 5, 2003 (8 pages) re International Application No. PCT/US 03/21627						Filed 07/11/2003
	H.	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed November 4, 2003 (7 pages) re International Application No. PCT/US 03/21628						Filed 07/11/2003
	I.	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed December 5, 2003 (8 pages) re International Application No. PCT/US 03/21750						Filed 07/11/2003
	J.	Examiner of Record, Office Action Response regarding the Interpretation of the three Russian Patent Applications listed above under Foreign Patent Documents (9 pages)						Date Unknown
	K.	Ian D. Palmer et al., "Coalbed Methane Well Completions and Stimulations", Chapter 14, pp. 303-339, Hydrocarbons from Coal, Published by the American Association of Petroleum Geologists						1993
	L.	B. Gotas et al., "Performance of Openhole Completed and Cased Horizontal/Undulating Wells in Thin-Bedded, Tight Sand Gas Reservoirs," Society of Petroleum Engineers, Inc., October 17 through October 19, 2000, pp. 1-7						10/19/2000
	M.	R. Sharma, et al., "Modelling of Undulating Wellbore Trajectories, The Journal of Canadian Petroleum Technology", XP-002261908, October 18-20, 1993, pp 16-24						10/18/2000 - 10/20/2000
<i>2</i>	N.	E. F. Balbinski et al., "Prediction of Offshore Viscous Oil Field Performance," European Symposium on Improved Oil Recovery, August 18-20 1999, pp. 1-10						08/18/1999 - 08/20/2000
EXAMINER				DATE CONSIDERED				
				3/10/04				

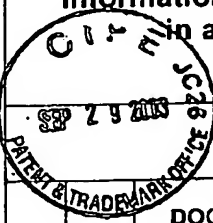
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PTO-1449 Information Disclosure Citation in an Application		Application No. 10/003,917		Applicant(s) Joseph A. Zupanick, et al.	
Docket Number 067083.0161		Group Art Unit 3673		Filing Date November 1, 2001	




U.S. PATENT DOCUMENTS						
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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O							
P							
Q							

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GROUP 3600

NON-PATENT DOCUMENTS			
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
R		Chi, Weiguo, "A feasible discussion on exploitation coalbed methane through horizontal network drilling in China", SPE 64709, Society of Petroleum Engineers (SPE International), 4 pages	11/7/2000
S		Chi, Weiguo, "Feasibility of Coalbed Methane Exploitation in China", synopsis of paper SPE 64709, 1 page	11/7/2000
T			

EXAMINER 	DATE CONSIDERED 3/10/04
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PTO-1449			Application No. 10/194,422		Applicant(s) Joseph A. Zupanick		
Information Disclosure Citation in an Application			Docket Number 067083.0189		Group Art Unit 3672		Filing Date July 12, 2002

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	3,208,537	09/28/1965	Scarborough	175	53	12/08/1960
B	4,134,463	01/16/1979	Allen	175	53	06/22/1977
C	4,224,989	09/30/1980	Blount	166	250	10/30/1978

FOREIGN PATENT DOCUMENTS								
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
D	WO 03/102348	12/11/2003	PCT	E21B		X		
E	WO 02/061238	08/08/2002	PCT	E21B	43/00	X		

NON-PATENT DOCUMENTS		
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
F	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed December 19, 2003 (6 pages) re International Application No. PCT/US 03/28137.	12/19/2003
G	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed February 4, 2004 (8 pages) re International Application No. PCT/US 03/26124.	02/04/2004
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